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VETERINARY BIOLOGICAL PRODUCTS:

Licensees

Prepared by Veterinary Services
Animal and Plant Health Inspection Service
UNITED STATES DEPARTMENT OF AGRICULTURE
Hyattsville, Maryland 20782

INTRODUCTION

This publication contains lists of licensed establishments and licensees with their subsidiaries and divisions as well as a list of the biological products they are authorized to produce or import.

An alphabetical listing identifies the firms with the appropriate establishment by license number.

A numerical listing of licensed establishments by license number identifies each licensee, subsidiary, and division authorized to do business in the establishment.

Under the listing of licensed biological products, the principal part of the true names are underlined. Various forms of the product are indicated by modifying phrases, and each form is assigned a code number by Veterinary Services. A separate license is issued and a code number assigned for each Outline of Production filed. The license number of each firm authorized to produce a biological product is listed to the right of the product.

The numbering system used for product codes provides for a number to be assigned to each product; i.e., first digit denotes product type; second and third - grouping by agents; fourth - state of product; fifth - menstrum; and sixth - miscellaneous variables.

TABLE OF CONTENTS

	Page
Alphabetical Listing Licensees, Subsidiaries, Divisions	1
Numerical Listing of Establishments	4
Vaccines and Viruses	9
Bacterins	23
Antiserums	28
Vaccines with Bacterins/Toxoids	30
Diagnostics	37
Antitoxins	39
Bacterin-Toxoids	40
Toxoids	42
Miscellaneous Products	43

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ALPHABETICAL LISTING

ALPHABETICAL LISTING LICENSEES - SUBSIDIARIES - DIVISIONS

		NUMBER	
ABBOTT LABORATORIES		243,	243A
ACME LABORATORIES. INC.		266	
AG-VET BIG'S, INC.		124	
AGRI-BIO CORP.		269,	269A
AGRI-MART DIVISION		272	
AMATEX LABORATORIES. INC.		227	
AMERICAN HOME PRODUCTS CORPORATION	112,	112A.	1128
AMERICAN SCIENTIFIC LABORATURIES		165	
AMERICANA LABORATORIES. INC.		188	
ANCHOR LABORATORIES. INC.		124	
APEX LABORATORIES. INC.		124	
BANDY LABORATORIES		227	
BAYVET		52	
BEECHAM LABORATORIES		225	
BEECHAN. INC.		225	
BI VET LABORATORIES, INC.		227	
BIO VAC. INC.		124	
BIO-CEUTIC LABORATORIES. INC.		124	
BIOLOGICAL SPECIALTIES		245	
BIOLOGICS CORPORATION		272	
BIOLOGICS PRODUCTION. INC.		240	
BRADLEY PRODUCTS COMPANY		251	
BURNS-BIOTEC LABORATORIES		251	
BURROUGHS WELLCOME CD.		107.	107A
CENTER LABORATORIES		259	
CHROMALLOY ANIMAL HEALTH		251	
CHROMALLOY PHARMACEUTICAL. INC.		251	
COLORADO SERUM COMPANY		188	
CONTINENTAL PHARMACAL COMPANY		188	
CUSTOM BIOLOGICS, INC.		272	
CUTTER LABORATORIES. INC.		52	
DAMON CORPORATION		196	

	LICENSE NUMBER
DEKALB AG RESEARCH. INC.	271
DELLEN LABORATORIES, INC.	272
DENVER COLORADO LABORATORIES	. INC. 188
DIAMOND LABORATORIES, INC.	213
DOME DIVISION	270
DOUGLAS INDUSTRIES, INC.	266
DOUGLAS LABORATORIES, INC.	266
DOUGLAS VETERINARY PRODUCTS.	INC. 266
DURVET LABORATORIES	272
DYNASCIENCE CURPORATION	278
EM LABORATORIES, INC.	259
EMPIRE VETERINARY COMPANY	188
FORT DODGE LABORATORIES. INC	. 112, 112A, 112B
FRANKLIN LABORATORIES. INC.	112. 112A. 112B
FROMM LABORATORIES. INC.	195, 195A
INTERNATIONAL . INC.	188
INTERSTATE BIOLOGIC CORP.	269, 269A
JENSEN-SALSBERY LABORATORIES	107, 107A
JOHNSON & JOHNSON	264. 264A
LONG ISLAND DUCK RESEARCH CO.	OPERATIVE, INC. 268
MAINE BIOLOGICAL LABORATORIE	S, INC. 240
MERCK & COMPANY, INC.	3
MERCK CHEMICAL DIVISION	3 1.3110
MERCK SHARP & DOHME INTERNAT	IONAL 3
METROPOLITAN MEDICAL COMPANY	188
MICROBIOLOGICAL ASSOCIATES	278
MILES LABORATORIES, INC.	270
MOGUL CORPORATION. THE	245
MYZON LABORATORIES, INC.	213
NATION. INC.	227
NORDEN LABORATORIES	189
PHILIPS ROXANE. INC.	124
PITMAN-MODRE, INC.	264, 264A
PROFESSIONAL BIOLOGICAL COMP	ANY 188

	LICENSE NUMBER
ROLYNN LABORATORIES. INC.	266
SALSBURY LABORATORIES	195. 195A
SCHERAMEX (MEXICO)	165
SCHERING CORPORATION	165
SCHERING LIMITED (CANADA)	165
SCHERING-PLOUGH INTERNATIONAL DIVISION	165
SCIENTIFIC LABORATORIES, INC.	188
SMITHKLINE ANIMAL HEALTH PRODUCTS	189
SMITHKLINE CORPORATION	189
SOUTHWESTERN LABORATORIES, INC.	213
STERLING DRUG, INC.	226, 226A
STERWIN LABORATORIES, INC.	226. 226A
SYNTEX AGRIBUSINESS. INC.	213
TAVOLEK, INC.	264. 264A
TRANS WORLD LABORATORIES, INC.	213
TRI-BIO LABORATORIES, INC.	275
UNITED ANIMAL SCIENCE	245
UNIVERSAL LABORATORIES, INC.	188
VINELAND LABORATORIES : INC.	196
WELLCOME VACCINES DIVISION	107. 107A
WHITMOYER LABORATORIES, INC.	225
WILDLIFE VACCINES, INC.	277
WYETH INTERNATIONAL LIMITED 112	112A, 112B
WYETH VETERINARY PRODUCTS. INC. 112	112A. 1128

LICENSE

NUMERICAL LISTING OF ESTABLISHMENTS

	NUMBER
MERCK & COMPANY. INC.	3
DIVISIONS: MERCK CHEMICAL DIVISION MERCK SHARP & DOMME INTERNATIONAL	
MAIL: MERCK SHARP & DOHME DIVISION OF MERCK & CO., INC.	
WEST POINT, PENNSYLVANIA 19486	
CUTTER LABORATORIES, INC.	52
DIVISION: BAYVET	
MAIL: BAYVET DIVISION CUTTER LABORATORIES, INC.	
P. O. BOX 390 SHAWNEE MISSION. KANSAS 66201	
The state of the s	11119318
BURROUGHS WELLCOME CO. DIVISIONS:	107
JENSEN-SALSBERY LABORATORIES WELLCOME VACCINES DIVISION	
MAIL: JENSEN-SALSBERY LABORATORIES DIVISION OF BURROUGHS WELLCOME CO	
P. O. BOX 167 KANSAS CITY. MISSOURI 64141	
BURROUGHS WELLCOME CD. DIVISIONS:	107A
WELLCOME VACCINES DIVISION JENSEN-SALSBERY LABORATORIES	
MAIL: WELLCOME VACCINES DIVISION DIVISION OF BURROUGHS WELLCOME CO.	
5030 YORK STREET DENVER: COLORADO 80216	
DENTERY COECURDO OUZ.O	
AMERICAN HOME PRODUCTS CORPORATION SUBSIDIARIES:	112
FORT DODGE LABORATORIES, INC. FRANKLIN LABORATORIES, INC.	
WYETH INTERNATIONAL LIMITED WYETH VETERINARY PRODUCTS, INC.	
MAIL: FORT DODGE LABORATORIES, INC. 800 FIFTH STREET N.W.	
FORT DODGE, IOWA 50501	
AMERICAN HOME PRODUCTS CORPORATION	112A
SUBSIDIARIES:	1124
FORT DODGE LABORATORIES, INC. FRANKLIN LABORATORIES, INC.	
WYETH INTERNATIONAL LIMITED WYETH VETERINARY PRODUCTS. INC.	
MAIL: FRANKLIN LABORATORIES, INC. P.O. BOX 669	
AMARILLO, TEXAS 79105	

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	NUMB
AMERICAN HOME PRODUCTS CORPORATION SUBSIDIARIES: FORT DODGE LABORATORIES, INC. FRANKLIN LABORATORIES, INC. WYETH INTERNATIONAL LIMITED WYETH VETERINARY PRODUCTS, INC. MAIL: WYETH LABORATORIES. INC. WASP & BIDDLE STREETS MARIETTA, PENNSYLVANIA 17547	1126
PHILIPS ROXANE, INC. SUBSIDIARIES: AG-VET BIO'S, INC. APEX LABORATORIES, INC. BIO VAC., INC. DIVISIONS: ANCHOR LABORATORIES, INC. BIO-CEUTIC LABORATORIES, INC. MAIL: 2621 NORTH BELT HIGHWAY ST. JOSEPH, MISSOURI 64502	124
SCHERING CORPORATION DIVISIONS: AMERICAN SCIENTIFIC LABORATORIES SCHERAMEX (MEXICO) SCHERING LIMITED (CANADA) SCHERING-PLOUGH INTERNATIONAL DIVISION MAIL: AMERICAN SCIENTIFIC LABORATORIES SCHERING CORPORATION P.O. BOX 7130 MADISON. WISCONSIN 53707	165
COLORADO SERUM COMPANY SUBSIDIARIES: AMERICANA LABORATORIES, INC. CONTINENTAL PHARMACAL COMPANY DENVER COLORADO LABORATORIES. INC. EMPIRE VETERINARY COMPANY INTERNATIONAL, INC. METROPOLITAN MEDICAL COMPANY PROFESSIONAL BIOLOGICAL COMPANY SCIENTIFIC LABORATORIES, INC. UNIVERSAL LABORATORIES, INC. MAIL: 4950 YORK STREET DENVER, COLORADO 80216	188
SMITHKLINE CORPORATION SUBSIDIARY: NORDEN LABORATORIES DIVISION: SMITHKLINE ANIMAL HEALTH PRODUCTS MAIL: NORDEN LABORATORIES P.O. BOX 80809 LINCOLN, NEBRASKA 68501	189
SALSBURY LABORATORIES SUBSIDIARY: FROMM LABORATORIES, INC. MAIL: 2000 ROCKFORD ROAD CHARLES CITY, 10WA 50616	195

LICENSE

	NUMBER
SALSBURY LABORATORIES SUBSIDIARY: FROMM LABORATORIES, INC. MAIL: FROMM LABORATORIES, INC. 703 LAKE SHORE ROAD	195A
GRAFTON. WISCONSIN 53024	
DAMON CORPORATION DIVISION: VINELAND LABORATORIES, INC. MAIL: 2285 EAST LANDIS AVENUE	196
VINELAND, NEW JERSEY 08360	
SYNTEX AGRIBUSINESS, INC. SUBSIDIARIES: DIAMOND LABORATORIES, INC.	213
MYZON LABORATORIES, INC. SOUTHWESTERN LABORATORIES. INC. TRANS WORLD LABORATORIES, INC. MAIL: P. 0. BOX 863	
DES MOINES, IOWA 50304	
BEECHAM, INC. SUBSIDIARY: WHITMOYER LABORATORIES, INC. DIVISION:	225
BEECHAM LABORATORIES MAIL: BEECHAM LABORATORIES P. 0. BOX 221 WHITE HALL, ILLINOIS 62092	
STERLING DRUG, INC. SUBSIDIARY: STERWIN LABORATORIES, INC. MAIL: P. 0. BOX 537 MILLSBORO, DELAWARE 19966	226
STERLING DRUG, INC. SUBSIDIARY: STERWIN LABORATORIES, INC.	226A
MAIL: P. O. BOX 999 OPELIKA, ALABAMA 36801	
BANDY LABORATORIES SUBSIDIARIES:	227
AMATEX LABORATORIES, INC. BI VET LABORATORIES, INC. NATION, INC.	
MAIL: P. O. BOX 727 TEMPLE: TEXAS 76501	
MAINE BIOLOGICAL LABORATORIES. INC. SUBSIDIARY: BIOLOGICS PRODUCTION, INC.	240
MAIL: P. O. BOX 255 WATERVILLE. MAINE 04901	

LICENSE

	LICENSE NUMBER
ABBOTT LABORATORIES MAIL: ABBOTT BIOLOGICAL LABORATORIES P. O. BOX 6 BERLIN, MARYLAND 21811	243
ABBOTT LABORATORIES MAIL: ABBOTT BIOLOGICAL LABORATORIES 12300 SANTA FE DRIVE LENEXA, KANSAS 66215	243A
MOGUL CORPORATION, THE DIVISIONS: BIOLOGICAL SPECIALTIES UNITED ANIMAL SCIENCE MAIL: P.O. BOX 37	245
MIDDLETON, WISCONSIN 53562	
CHROMALLOY PHARMACEUTICAL, INC. DIVISIONS: BURNS-BIOTEC LABORATORIES BRADLEY PRODUCTS COMPANY CHROMALLOY ANIMAL HEALTH MAIL: BURNS-BIOTEC LABORATORIES DIVISION CHROMALLOY PHARMACEUTICAL, INC. P. 0. BOX 3113 OMAHA, NEBRASKA 68103	251
EM LABORATORIES, INC. DIVISION: CENTER LABORATORIES MAIL: ALCON LABORATORIES, INC. P. 0. BOX 1959 FORT WORTH, TEXAS 76101	259
JOHNSON & JOHNSON SUBSIDIARIES: PITMAN-MODRE. INC. TAVOLEK. INC. MAIL: PITMAN-MODRE. INC. P. O. BOX 344 WASHINGTON CROSSING. NEW JERSEY 08560	264
JOHNSON & JOHNSON SUBSIDIARIES: PITMAN-MODRE. INC. TAVOLEK, INC.	26 4A
MAIL: TAVOLEK, INC. P. 0. BOX 184 TITUSVILLE, NEW JERSEY 08560	
DOUGLAS INDUSTRIES, INC. SUBSIDIARIES: ACME LABORATORIES, INC. DOUGLAS LABORATORIES, INC. DOUGLAS VETERINARY PRODUCTS, INC. ROLYNN LABORATORIES, INC. MAIL: 8906 ROSEHILL ROAD LENEXA, KANSAS 66215	266

	LICENSE
LONG ISLAND DUCK RESEARCH CODPERATIVE, INC. MAIL: OLD COUNTRY ROAD P. O. BOX 217 EASTPORT, NEW YORK 11941	268
AGRI-BIO CORP.	269
SUBSIDIARY: INTERSTATE BIOLOGIC CORP. MAIL: P. O. BOX 280 ITHACA. NEW YORK 14850	
AGRI-BIO CORP.	269A
SUBSIDIARY: INTERSTATE BIDLOGIC CORP. MAIL: 1805 TAPAWINGO DRIVE GAINESVILLE, GEORGIA 30501	
MILES LABORATORIES, INC.	270
DIVISIONS: DOME DIVISION MAIL: DOME DIVISION MILES LABORATORIES. INC. 400 MORGAN LANE WEST HAVEN. CONNECTICUT 06516	
DEKALB AG RESEARCH. INC. MAIL: SYCAMORE ROAD DEKALB. ILLINDIS 60115	271
BIOLOGICS CORPORATION DIVISIONS: AGRI-MART DIVISION CUSTOM BIOLOGICS, INC.	272
DELLEN LABORATORIES, INC. DURVET LABORATORIES MAIL: DELLEN LABORATORIES, INC. DIVISION OF BIOLOGICS CORPORATION 8445 LAKE STREET	
OMAHA• NEBRASKA 68134	
TRI-BIO LABORATORIES, INC. MAIL: 1400 FOX HILL ROAD STATE COLLEGE, PENNSYLVANIA 16801	275
WILDLIFE VACCINES. INC. MAIL: 11475 W. 48TH AVENUE WHEAT RIDGE. CO. 80033	277
DYNASCIENCE CORPORATION	278
DIVISION: MICROBIOLOGICAL ASSOCIATES MAIL: MICROBIOLOGICAL ASSOCIATES BIGGS FORD ROAD WALKERSVILLE, MARYLAND 21793	

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

VACCINES AND VIRUSES

CODE	PRODUCT AND FORM	LICENSE N	os. of	PRODU	CERS
	ANAPLASMOSIS VACCINE				
1005-50	KILLED BOVINE ORIGIN	112			
	ANTHRAX SPORE VACCINE				
1011-00	NONENCAPSULATED LIVE CULTURE	52,	107,	188	
	AVIAN ENCEPHALOMYELITIS VACCINE				
1051-10	LIVE VIRUS CHICKEN EMBRYO ORIGIN	195.	196		
1051-11	LIVE VIRUS CHICKEN EMBRYO ORIGIN LYOPHILIZED	196.	226.	243.	269
1055.10	KILLED VIRUS CHICKEN EMBRYO ORIGIN	240			
	AVIAN ENCEPHALOMYELIIIS-FOW POX VACCINE	L			
10M1.10	LIVE VIRUS CHICKEN EMBRYD ORIGIN	243			
	BLUETONGUE VACCINE				
1061.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN	188			
	BOVINE RHINOTRACHEITIS VACC	INE			
1101.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN	3. 112A. 225.	52. 124. 243A.	107. 188. 251.	112. 213. 264
1101-01	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN	107.	225		
1101.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN	124.	189.	272	
1101-21	MODIFIED LIVE VIRUS CELL LINE ORIGIN	189			
	BOVINE RHINDTRACHEITIS- PARAINFLUENZA 3 VACCINE				
1121.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN	107. 225.	112. 243A.	188. 251.	213. 264

CODE	PRODUCT AND FORM	LICENSE NOS. 0	F PRODU	CERS
	CONTINUED BOYINE RHINGTRACHELLIS- PARAINFLUENZA 3 VACCINE			
1121.01	MODIFIED LIVE VIRUS TISSUE CULTURE DRIGIN	264		
1121.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN	124, 189.	272	
1121.21	MODIFIED LIVE VIRUS CELL LINE ORIGIN	189		
1121.30	MODIFIED LIVE VIRUS TISSUE CULTURE AND CELL LINE ORIGIN	52		
1125.00	KILLED VIRUS TISSUE CULTURE ORIGIN	112		
	BOYINE RHINOTRACHEITIS- VIRUS DIARRHEA VACCINE			
1151.00	MODIFIED LIVE VIRUS TISSUE CULTURE DRIGIN	112, 188, 264	213.	243A,
1151.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN	272		
1151.30	MODIFIED LIVE VIRUS TISSUE CULTURE AND CELL LINE ORIGIN	107, 124,	189	
	BOYINE RHINOTRACHEITIS- VIRUS DIARRHEA-PARAINFLUENZ VACCINE	A_3		
1171.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN	124. 188. 264	213.	243A,
1171.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN	272		
1171.30	MODIFIED LIVE VIRUS CELL LINE AND TISSUE CULTURE ORIGIN	124. 189		
	BOVINE VIRUS DIARRHEA VACCI	NE		
1201-00	MODIFIED LIVE VIRUS TISSUE CULTURE DRIGIN	112. 124. 213. 243A	188.	189. 264
1201.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN	107, 272		
	BRONCHITIS VACCINE			
1231.11	MASS TYPE LIVE VIRUS CHICKEN EMBRYO ORIGIN	165. 195. 240	196,	226.

CODE	PRODUCT AND FORM	LICENSE NOS. C	F PRODUCERS
	CONTINUED BRUNCHITIS VACCINE		
1231.12	MASS TYPE LIVE VIRUS CHICKEN EMBRYO ORIGIN	195. 196. 243	226, 240,
1231.14	MASS & CONN TYPES LIVE VIRUS CHICKEN EMBRYO ORIGIN	243	
1231.17	MASS & CONN TYPES LIVE VIRUS CHICKEN EMBRYO ORIGIN	165	
1231.18	MASS TYPE LIVE VIRUS CHICKEN EMBRYO ORIGIN	196	
	BRUCELLA ABORTUS VACCINE		
1251.00	STRAIN 19 LIVE CULTURE	52. 107.	188
1251.01	STRAIN 19 LIVE CULTURE	188	
	BURSAL DISEASE VACCINE		
1271.00	LIVE VIRUS TISSUE CULTURE DRIGIN	269, 269A	
1271.01	LIVE VIRUS TISSUE CULTURE ORIGIN	269, 269A	
1271.10	LIVE VIRUS CHICKEN EMBRYO ORIGIN	195, 226	
1271-11	MODIFIED LIVE VIRUS CHICKEN EMBRYO ORIGIN	226	
	BURSAL DISEASE-MAREK S DISEA	ASE	
1288•40	MODIFIED LIVE VIRUS LIVE TURKEY HERPESVIRUS CHICKEN EMBRYO AND TISSUE CULTURE ORIGIN CELL ASSOCIATED COMBINATION PACKAGE	226	
1288.41	MODIFIED LIVE VIRUS LIVE TURKEY HERPESVIRUS CHICKEN EMBRYO AND TISSUE CULTURE DRIGIN CELL FREE COMBINATION PACKAGE	226	ν.
	CANINE ADENOVIRUS TYPE 2 VACCINE		
1291.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN	189	

CODE	PRODUCT AND FORM	LICENSE_NOS	OF PRODU	CERS
7.77 F				
<u>.</u>	CANINE ADENOVIRUS TYPE 2- PARAINFLUENZA VACCINE			
12N1.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN	189		
	CANINE DISTEMPER VACCINE			
1301.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN	107, 195	A, 225,	251
1301.09	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN FERRET VIRULENT	195A		
1301.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN	107, 189	, 264,	272
	CANINE_DISTEMPER-ADENOVIRU IYPE_2_YACCINE	<u>s</u>		
13A1.20	MODIFIED LIVE VIRUS CELL LINE DRIGIN	189		
	CANINE DISTEMPER-ADENDVIRU IYPE 2-PARAINFLUENZA VACCI			
13C1 • 20	MODIFIED LIVE VIRUS CELL LINE ORIGIN	189		
	CANINE DISTEMPER-HEPATITIS VACCINE			
1311.00	MODIFIED LIVE VIRUS TISSUE CULTURE DRIGIN	107. 112 225. 243	. 195A. A. 251	213.
1311.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN	107. 124 227. 245		213. 272
1311.30	MODIFIED LIVE VIRUS TISSUE CULTURE AND CELL LINE ORIGIN	227		
1311.40	MODIFIED LIVE VIRUS CHICKEN EMBRYO AND TISSUE CULTURE ORIGIN	188		
	CANINE DISTEMPER-MEASLES VACCINE			
1351.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN	189		
	CANINE HEPATITIS VACCINE			
1361.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN	195A		

CODE	PRODUCT AND FORM	ICENSE_N	OS. DF	PRODU	CERS
	CONTINUED CANINE HEPATITIS VACCINE				
1361.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN	189			
	CANINE DISTEMPER-HEPATITIS- PARAINELUENZA VACCINE				
1381-00	MODIFIED LIVE VIRUS TISSUE CULTURE DRIGIN	195A			
1381.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN	107. 272	124.	189.	264.
	CANINE HOOKWORM VACCINE				
1411.00	MODIFIED LIVE LARVAE CANINE ORIGIN	107			
	CANINE PARAINFLUENZA VACCINE				
1421.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN-	195A			
1421-20	MODIFIED LIVE VIRUS CELL LINE ORIGIN	189.	264.	272	
	COCCIDIOSIS VACCINE				
1431.50	LIVE DOCYSTS CHICKEN DRIGIN	226A			
	DISTEMPER VACCINE -				
1451.00	MODIFIED LIVE VIRUS TISSUE CULTURE DRIGIN	165.	245		
1451.01	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN	165,	245		
1451.02	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN	165			
	DUCK VIRUS ENTERITIS VACCINE	i.			
1461.10	MODIFIED LIVE VIRUS CHICKEN EMBRYD ORIGIN	268			
	DUCK VIRUS HEPATITIS VACCINE				
1481.10	MODIFIED LIVE VIRUS CHICKEN EMBRYO ORIGIN	268			
	ENCEPHALOMYELITIS VACCINE				
1475.00	EASTERN WESTERN KILLED VIRUS TISSUE CULTURE ORIGIN	52 , 189	107,	112.	188.

CODE	PRODUCT AND FORM	LICENSE NO	S. OF	PRODUC	CERS
	CONTINUED ENCEPHALOMYELITIS VACCINE				
1475.01	EASTERN WESTERN KILLED VIRUS TISSUE CULTURE ORIGIN	112,	189		
1481.00	VENEZUELAN MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN	107.	189		
1485.32	EASTERN WESTERN KILLED VIRUS TISSUE CULTURE AND CELL LINE ORIGIN	107			
1485.33	EASTERN WESTERN VENEZUELAN KILLED VIRUS TISSUE CULTURE AND CELL LINE ORIGIN	107			
	EQUINE INFLUENZA VACCINE				
1505-10	KILLED VIRUS CHICKEN EMBRYD DRIGIN AQUEDUS	112.	189		
1505.11	KILLED VIRUS CHICKEN EMBRYO DRIGIN EMULSIFIED	52,	112		
1505.20	KILLED VIRUS CELL LINE ORIGIN	52			
	EQUINE RHINOPNEUMONITIS VACCINE				
1521.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN	124.	189		
1521.50	LIVE VIRUS HAMSTER ORIGIN	112			
1525.20	KILLED VIRUS CELL LINE ORIGIN	112			
	ERYSIPELOTHRIX RHUSIOPATHIA	AE			
1541.00	AVIRULENT LIVE CULTURE	52,	112.	124.	189
	FELINE PANLEUKOPENIA VACCIN	ME			
1561.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN	195A.	213.	264	

CODE	PRODUCT AND FORM	CENSE NO	S. OF	PRODUC	CERS
	CONTINUED . FELINE PANLEUKOPENIA VACCINE				
1561.01	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN LIQUID	225,	264		
1561.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN	124.	189,	272	
1561.21	MODIFIED LIVE VIRUS CELL LINE ORIGIN LIQUID	272			
1565.00	KILLED VIRUS TISSUE CULTURE ORIGIN	107. 243A.	112. 251.	195A. 264	225.
1565.20	KILLED VIRUS CELL LINE ORIGIN	112,	189.	266.	272
1565.50	KILLED VIRUS FELINE ORIGIN	112.	227		
	FELINE PANLEUKOPENIA-RABIES VACCINE				
1575.80	CELL LINE AND MURINE ORIGIN	266			
	FELINE PNEUMONITIS VACCINE				
1581-10	MODIFIED LIVE CHLAMYDIA CHICKEN EMBRYO DRIGIN	195A			
	FELINE RHINOTRACHEITIS VACCIN	E			
16A1-00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN	195A.	225		
16A1 - 20	MODIFIED LIVE VIRUS CELL LINE ORIGIN	264			
	FELINE RHINOTRACHETTIS- PANLEUKOPENIA VACCINE				
1688.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN COMBINATION PACKAGE	225			
1689.00	MODIFIED LIVE AND KILLED VIRUS TISSUE CULTURE ORIGIN COMBINATION PACKAGE	225			
1689.30	MODIFIED LIVE AND KILLED VIRUS CELL LINE AND TISSUE CULTURE DRIGIN COMBINATION PACKAGE	264			

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS	è
	FELINE RHINDIRACHEITIS-CALI	CI CI	,
1601.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN	195A	
16C1-20	MODIFIED LIVE VIRUS CELL LINE ORIGIN	124, 189, 264, 272	2
16C1.30	MODIFIED LIVE VIRUS TISSUE CULTURE AND CELL LINE ORIGIN	225	
	FELINE RHINDIRACHEITIS-CALIPANLEUKOPENIA VACCINE	=12	
1601.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN	195A	
1601.20	MODIFIED LIVE VIRUS CELL LINE DRIGIN	124. 189	
1601.30	MODIFIED LIVE VIRUS CELL LINE AND TISSUE CULTURE ORIGIN	264	
1605.20	KILLED VIRUS CELL LINE ORIGIN	112, 189	
1608.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN COMBINATION PACKAGE	272	
1608.30	MODIFIED LIVE VIRUS TISSUE CULTURE AND CELL LINE DRIGIN COMBINATION PACKAGE	225	
1609.00	MODIFIED LIVE AND KILLED VIRUS TISSUE CULTURE ORIGIN	195A	
1609.20	MODIFIED LIVE AND KILLED VIRUS CELL LINE ORIGIN COMBINATION PACKAGE	272	
16D9.30	MODIFIED LIVE AND KILLED VIRUS TISSUE CULTURE AND CELL LINE ORIGIN COMBINATION PACKAGE	225, 264	
	FELINE RHINOTRACHEITIS-CALI PANLEUKOPENIA-PNEUMONITIS YACCINE	CI-	
16E1.40	MODIFIED LIVE VIRUS AND CHLAMYDIA TISSUE CULTURE AND CHICKEN EMBRYO ORIGIN	195A	

CODE	PRODUCT AND FORM	LICENSE N	OS. DF	PRODU	CERS
	CONTINUED FELINE RHINOTRACHEITIS-CALI PANLEUKOPENIA-PNEUMONITIS VACCINE	CI=			
16E9.40	MODIFIED LIVE AND KILLED VIRUS AND CHLAMYDIA TISSUE CULTURE AND CHICKEN EMBRYD ORIGIN	195A			
	FELINE RHINOTRACHEITIS-CALI PNEUMONITIS VACCINE	<u>CI-</u>			
16F1•40	MODIFIED LIVE VIRUS AND CHLAMYDIA TISSUE CULTURE AND CHICKEN EMBRYO ORIGIN	195A			
	FOWL LARYNGOTRACHETTIS VACC	INE			
1601.01	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN	165			
1601.10	LIVE VIRUS CHICKEN EMBRYD DRIGIN	165,	196.	243	
1601.11	MODIFIED LIVE VIRUS CHICKEN EMBRYD ORIGIN	165. 243	195,	196,	226.
1601.12	LIVE VIRUS CHICKEN EMBRYO ORIGIN	165			
	FOWL POX VACCINE				
1621.00	LIVE VIRUS TISSUE CULTURE DRIGIN	165.	196,	243•	269
1621.01	LIVE VIRUS TISSUE CULTURE DRIGIN	269			
1621.10	LIVE VIRUS CHICKEN EMBRYO DRIGIN	165, 243	195.	196,	226.
1621.11	LIVE VIRUS CHICKEN EMBRYO ORIGIN	195			
	FOX ENCEPHALITIS VACCINE				
1635.20	KILLED VIRUS CELL LINE ORIGIN	245			
	MAREK'S DISEASE VACCINE				
1641.00	LIVE TURKEY HERPESVIRUS TISSUE CULTURE ORIGIN CELL ASSOCIATED	3, 226,	165. 269.	195. 271.	196. 275
1641.01	LIVE TURKEY HERPESVIRUS TISSUE CULTURE ORIGIN CELL FREE	3. 226. 275	165. 243.	195. 269.	196. 271.

CODE	PRODUCT AND FORM	LICENSE NOS.	OF PRODU	CERS
	CONTINUED MAREK'S DISEASE VACCINE			
1641.02	LIVE TURKEY HERPESVIRUS TISSUE CULTURE ORIGIN CELL FREE FROZEN	195		
1641.03	LIVE TURKEY HERPESVIRUS TISSUE CULTURE ORIGIN CELL ASSOCIATED	3		
	MEASLES_VACCINE			
1661.00	MODIFIED LIVE VIRUS TISSUE CULTURE DRIGIN	124, 21	3	
	MINK ENTERITIS VACCINE			
1685.00	KILLED VIRUS TISSUE CULTURE ORIGIN	245		
	NEWCASTLE DISEASE VACCINE			
1705.10	KILLED VIRUS CHICKEN EMBRYO ORIGIN	240		
1711-10	B1 TYPE B1 STRAIN LIVE VIRUS CHICKEN EMBRYD ORIGIN	165, 19 240, 24		226.
1721-10	B1 TYPE LASOTA STRAIN LIVE VIRUS CHICKEN EMBRYO DRIGIN	165. 19. 240. 24.		226.
1721-11	B1 TYPE LASOTA STRAIN LIVE VIRUS CHICKEN EMBRYO ORIGIN	226		
	NEWCASTLE DISEASE-AVIAN ENCEPHALOMYELITIS VACCINE			
1745.10	KILLED VIRUS CHICKEN EMBRYD DRIGIN	240		
	NEWCASTLE-BRONCHITIS VACCIN	E		
1761-1A	B1 TYPE B1 STRAIN MASS & JMK TYPES LIVE VIRUS CHICKEN EMBRYO ORIGIN	226		
1761.11	B1 TYPE B1 STRAIN MASS TYPE LIVE VIRUS CHICKEN EMBRYO ORIGIN	165. 19 240. 24	5. 196.	226•
	CHICKEN EMBRIO ORIGIN			

CODE	PRODUCT AND FORM	LICENSE NOS. O	F_PRODUCERS
	CONTINUED NEWCASTLE-BRONCHITIS VACC	INE	
1761-12	B1 TYPE B1 STRAIN MASS TYPE LIVE VIRUS CHICKEN EMBRYO ORIGIN	165, 195, 243	196. 240.
1761-13	B1 TYPE B1 STRAIN CONN TYPE LIVE VIRUS CHICKEN EMBRYD ORIGIN	165, 195,	243
1761.14	B1 TYPE B1 STRAIN MASS & CONN TYPES LIVE VIRUS CHICKEN EMBRYO ORIGIN	195, 226	
1761-15	B1 TYPE B1 STRAIN MASS & JMK TYPES LIVE VIRUS CHICKEN EMBRYO ORIGIN	165	
1761.17	B1 TYPE B1 STRAIN MASS & CONN TYPES LIVE VIRUS CHICKEN EMBRYO ORIGIN	165, 196,	243
1761.18	B1 TYPE B1 STRAIN MASS TYPE LIVE VIRUS CHICKEN EMBRYO ORIGIN	196, 226	
1761-19	B1 TYPE B1 STRAIN MASS TYPE LIYE VIRUS CHICKEN EMBRYD ORIGIN	226, 243	
1771-11	BI TYPE LASOTA STRAIN MASS TYPE LIVE VIRUS CHICKEN EMBRYO ORIGIN	165, 195,	196. 240
1771.12	B1 TYPE LASOTA STRAIN MASS TYPE LIVE VIRUS CHICKEN EMBRYO ORIGIN	195, 243	
1771.14	B1 TYPE LASOTA STRAIN MASS & CONN TYPES LIVE VIRUS CHICKEN EMBRYO DRIGIN	226	
1771.17	B1 TYPE LASOTA STRAIN MASS & CONN TYPES LIVE VIRUS CHICKEN EMBRYO ORIGIN	165, 243	

CODE	PRODUCT AND FORM	LICENSE N	OS. OF	PRODU	CERS
	CONTINUED NEWCASILE-BRONCHITIS VACCI	NE			
1771.18	B1 TYPE LASUTA STRAIN MASS TYPE LIVE VIRUS CHICKEN EMBRYO ORIGIN	196,	226		
1771.19	B1 TYPE LASOTA STRAIN MASS TYPE LIVE VIRUS CHICKEN EMBRYD ORIGIN	226,	243		
	DVINE ECTHYMA VACCINE				
1821.00	LIVE VIRUS TISSUE CULTURE ORIGIN	188			
1821.50	LIVE VIRUS OVINE ORIGIN	52,	112A		
	PARAINFLUENZA 3 VACCINE				
1841.00	MODIFIED LIVE VIRUS TISSUE CULTURE DRIGIN	107.	188		
	PASTEURELLA MULTOCIDA VACC	INE			
1871.01	AVIRULENT LIVE CULTURE AVIAN ISOLATE	165			
1871.05	AVIRULENT LIVE CULTURE AVIAN ISOLATE	196			
	PIGEON POX VACCINE				
1881-10	LIVE VIRUS CHICKEN EMBRYO ORIGIN	165,	196,	226.	243
1881.11	LIVE VIRUS CHICKEN EMBRYO ORIGIN PIGEONS ONLY	196			
	PSEUDORABIES VACCINE				
1891.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN	189			
1895.00	KILLED VIRUS TISSUE CULTURE DRIGIN	195			
	RABIES VACCINE				
1901.03	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN HIGH CELL PASSAGE SAD STRAIN	107,	124.	264	

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS
	CONTINUED RABIES VACCINE	
1901.05	MODIFIED LIVE VIRUS TISSUE CULTURE GRIGIN HIGH CELL PASSAGE SAD STRAIN	124
1901.11	MODIFIED LIVE VIRUS CHICKEN EMBRYO ORIGIN LOW EGG PASSAGE FLURY STRAIN	195A
1901.22	MODIFIED LIVE VIRUS CELL LINE ORIGIN HIGH EGG PASSAGE FLURY STRAIN	189
1901.23	MGDIFIED LIVE VIRUS CELL LINE ORIGIN HIGH CELL PASSAGE SAD STRAIN	107
1901-24	MODIFIED LIVE VIRUS CELL LINE ORIGIN HIGH CELL PASSAGE KISSLING STRAIN	225
1905.00	KILLED VIRUS TISSUE CULTURE DRIGIN	107
1905-20	KILLED VIRUS CELL LINE ORIGIN	225
1905.50	KILLED VIRUS CAPRINE ORIGIN	227
1905.51	KILLED VIRUS MURINE ORIGIN	266
1905.55	KILLED VIRUS MURINE ORIGIN	266
	BOYINE ROTA-CORDNAVIRUS YACCINE	
1931.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN	189
	SENDAL VACCINE	
19M5.10	KILLED VIRUS CHICKEN EMBRYD ORIGIN	278
	STREPTOCOCCUS GROUP & VACCI	NE
1941-00	AVIRULENT LIVE CULTURE	112
	IENDSYNDVIIIS VACCINE	
1951-10	LIVE VIRUS CHICKEN EMBRYO ORIGIN	226

CODE	PRODUCT AND FORM	LICENSE NOS. DE PRODUCERS	
	TRANSMISSIBLE GASTROENT VACCINE	ERITIS	
961.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN	213	
	WART VACCINE		

52, 188,

112. 112A. 124. 189. 213. 243A

KILLED VIRUS BOVINE ORIGIN

1

1985.50

BACTERINS

CODE	PRODUCT AND FORM	LICENSE N	OS. DF	PRODU	CERS
	AUTOGENOUS BACTERIN				
2051.00	AVIAN ISOLATES AQUEOUS	112. 226A	188.	195.	196.
2051.01	BOVINE ISOLATES AQUEDUS	112. 225	188.	195.	213.
2051.02	PORCINE ISOLATES AQUEDUS	112. 225	183,	195,	213,
2051.03	OTHER SPECIES ISOLATES AQUEOUS	112.	188, 245	195.	213.
2051-10	AVIAN ISDLATES EMULSIFIED	195,	196,	226A,	240
2100.00	BORDETELLA BRONCHISEPTICA BACTERIN	251,	264		
2104.00	BORDETELLA BRONCHISEPTICA- LEPTOSPIRA CANICOLA- ICTEROHAEMORRHAGIAE BACTERI	N 189			
2108.00	BORDETELLA BRONCHISEPTICA- PASIEURELLA MULIOCIDA BACTE	RIN 251			
2401.00	CLOSTRIDIUM CHAUVOEI-SEPTICE BACTERIN	<u>UM</u> 52. 124. 243A,	107, 188, 272	107A. 213.	112A, 225.
2401.01		124.	188		
2408.00	CLOSTRIDIUM CHAUVOEI-SEPTICO LEPTOSPIRA POMONA BACTERIN	JM- 107.	124		
	CLOSTRIDIUM CHAUVOEI-SEPTICO PASTEURELLA HAEMOLYTICA- MULTOCIDA BACTERIN	JM-			
2460.00		52. 188.	107.	112A. 225.	124. 272
2460.01	BOVINE ISOLATES	188			
2461.00	CLOSTRIDIUM CHAUVOEI-SEPTICE PASTEURELLA MULTOCIDA BACTE		243A		

CODE	PRODUCT AND FORM	ICENSE N	DS. OF	PRODUC	ERS
	CLOSTRIDIUM HAEMOLYTICUM BACTERIN				
2465.00	DUCTERIN	52+ 124	107,	107A.	112A.
2465.01		107.	213		
	CORYNEBACTERIUM PYOGENES- PASTEURELLA HAEMOLYTICA- MULTOCIDA BACTERIN				
2633.00	BOVINE ISOLATES	52• 225	112.	112A.	213.
	CORYNEBACTERIUM PYOGENES- PASTEURELLA MULTOCIDA- SALMONELLA CHOLERAESUIS BACIERIN				
2635.00	PORCINE ISOLATES	112,	213,	225	
2638.00	ENTERIC REDMOUTH BACTERIN	264.	277		
	ERYSIPELOTHRIX RHUSIOPATHIAE BACIERIN				
2641.00		52. 124. 196. 251.	107, 188, 213, 264,	112. 195. 225. 272	112A, 195A, 243A,
2641.01		188,	213		
	ERYSIPELOTHRIX RHUSIOPATHIAE PASTEURELLA MULTOCIDA BACTER				
2645.03	AVIAN ISOLATES TYPES 1 3 & 4	196			
	ESCHERICHIA COLI-PASTEURELLA MULTOCIDA-SALMONELLA CHOLERASSUIS BACTERIN				
2650.00	PORCINE ISOLATES	112.	213.	225	
	ESCHERICHIA COLI-PASTEURELLA HAEMOLYTICA-MULTOCIDA- SALMONELLA TYPHIMURIUM BACTERIN				
2651.00	BOVINE ISOLATES	112.	213.	225	
	HAEMOPHILUS GALLINARUM BACIERIN				
2658.00		195			

CODE	PRODUCT AND FORM	LICENSE NO	S. OF	PRODUC	CERS
2659.00	HAEMOPHILUS SOMNUS BACTERIN	124			
2661.00	LEPTOSPIRA CANICOLA BACTERI	188			
2665.00	LEPIOSPIRA CANICOLA- GRIPPOTYPHOSA-HARDJO- ICTEROHAEMORRHAGIAE-POMONA BACTERIN	124. 272	188,	189,	225,
2668.00	LEPTOSPIRA CANICOLA- GRIPPOTYPHOSA- ICTEROHAEMORRHAGIAE-POMONA BACTERIN	195A			
2671.00	LEPTOSPIRA CANICOLA- ICTEROHAEMORRHAGIAE BACTERI	52, 188, 225,	107. 189. 227. 272	112. 195A. 243A.	124, 213, 251,
2671.01		189,	225.	272	
2673.00	LEPIOSPIRA CANICOLA- ICTEROHAEMORRHAGIAE-POMONA BACTERIN	189,	213,	272	
2675.00	LEPTOSPIRA GRIPPOTYPHOSA BACIERIN	188			
2681.00	LEPIOSPIRA GRIPPOTYPHOSA- HAROJO-POMONA BACTERIN		124. 272	188,	189.
2688.00	LEPIOSPIRA HARDJO-POMONA BACTERIN	189			
2691.00	LEPIOSPIRA POMONA BACIERIN	3, 112A, 195, 243A,	195A.	107. 188. 213. 264.	112. 189. 225. 272
2691.01		188			

CODE	PRODUCT AND FORM	ICENSE N	S. OF	PRODUC	CERS
	LEPTOSPIRA POMONA-PASTEURELL HAEMOLYTICA-MULTOCIDA BACTER				
2695.00	BOVINE ISOLATES	124			
	PASTEURELLA HAEMOLYTICA- MULTOCIDA BACTERIN				
2700.00	BOVINE ISOLATES	52. 188. 251.	107, 213, 264,	112. 225. 272	124, 243A,
	PASTEURELLA MULTOCIDA BACTE	RIN			
2701.22	BOVINE & PORCINE ISOLATES	188			
2701.52	BOVINE & PORCINE ISOLATES	188			
2702-01	AVIAN ISOLATES TYPE 1 AQUEOUS	243			
2702.03	AVIAN ISOLATES TYPES 1 3 & 4 AQUEOUS	243			
2702-12	AVIAN ISOLATES TYPES 1 & 3 EMULSIFIED	240			
2702.13	AVIAN ISOLATES TYPES 1 3 & 4 EMULSIFIED	195,	196.	226A,	240
	SALMONELLA DUBLIN-TYPHIMURIO BACIERIN	ńw.			
2821.00	BOVINE ISOLATES	52			
2852.00	STAPHYLOCOCCUS AUREUS BACTER	RIN 124			
2855.00	SIREPIOCOCCUS EQUI BACTERIN	112			
2858.02	VIBRIO ANGUILLARUM BACTERIN	264,	264A.	277	
	VIBRIO FETUS BACTERIN				
2861.00	OVINE ISOLATES AQUEOUS	188			
2862.00	BOVINE ISOLATES AQUEOUS	52•	112A.	124.	251

CODE	PRODUCT AND FORM	LICENSE NO	S. OF	PRODUCERS
	CONTINUED VIBRIO FETUS BACTERIN			
2862-10	BOVINE ISOLATES EMULSIFIED	112.	188,	189
	VIBRIO FETUS-LEPTOSPIRA PON BACTERIN	MONA		
2865.00	BOVINE ISOLATES	52,	112A.	124
	VIBRIO FETUS-LEPTOSPIRA GRIPPOTYPHOSA-HARDJO-POMONA BACTERIN	4		
2869.00	BOVINE ISOLATES AQUEOUS	124		

ANTISERUMS

CODE	PRODUCT AND FORM	LICENSE NOS. DF PRODUCERS
	CANINE DISTEMPER-HEPATITIS- LEPTOSPIRA CANICOLA ANTISER	
3343.00	CANINE DRIGIN CONCENTRATE	195A
	CORYNEBACIERIUM PYQGENES- ESCHERICHIA COLI-PASTEURELL HAEMOLYTICA-MULTOCIDA SALMONELLA TYPHIMURIUM ANTISERUM	_ A
3391.00	BOVINE ISOLATES & ORIGIN	188
	CORYNEBACTERIUM PYOGENES- ESCHERICHIA COLI-PASTEURELI MULTOCIDA-SALMONELLA TYPHIMURIUM ANTISERUM	_A
3400.00	BOVINE ISOLATES & ORIGIN CONCENTRATE	124
	CORYNEBACTERIUM PYOGENES- PASTEURELLA HAEMOLYTICA- MULTOCIDA ANTISERUM	
3411.00	BOVINE ISOLATES & ORIGIN	213
3414.00	BOVINE ISOLATES & ORIGIN CONCENTRATE	213
3414.02	BOVINE & PORCINE ISOLATES BOVINE ORIGIN	188
	CORYNEBACIERIUM PYOGENES- PASTEURELLA MULIOCIDA ANTISERUM	
3501.00	BOVINE ISOLATES & ORIGIN	188
3501.02	BOVINE & PORCINE ISOLATES BOVINE ORIGIN	188
3504.00	BOVINE ISOLATES & ORIGIN CONCENTRATE	188
3504.02	BOVINE & PORCINE ISOLATES BOVINE ORIGIN CONCENTRATE	188
	DUCK VIRUS HEPATITIS YOLK ANTIBODY	
3508.00	CHICKEN EGG ORIGIN	268

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS
	ERYSIPELOTHRIX RHUSIOPATHIA	<u>AE</u>
3511.00	EQUINE ORIGIN	188
3514.00	EQUINE ORIGIN CONCENTRATE	124
	ESCHERICHIA COLI-PASTEURELL MULTOCIDA-SALMONELLA TYPHIMURIUM ANTISERUM	. A
3531.00	BOVINE ISOLATES & ORIGIN	112. 188
3551.00	FELINE PANLEUKOPENIA ANIIS	112
	NORMAL SERUM	
3602.00	EQUINE ORIGIN	188
3603.00	FELINE ORIGIN	188, 195A
	PASTEURELLA MULTOCIDA ANTISERUM	
3701.02	BOVINE & PORCINE ISOLATES BOVINE ORIGIN	188

VACCINES WITH BACTERINS/TOXOIDS

CODE	PRODUCT AND FORM	LICENSE N	OS. OF	PRODUC	ERS
	BOVINE_RHINOTRACHEITIS VACCINE_ LEPTOSPIRA_CANICOLA_ ICTEROHAEMORRHAGIAE-POMONA BACTERIN				
4029.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN COMBINATION PACKAGE	272			
	BOVINE RHINOTRACHEITIS VACCINE - LEPTOSPIRA GRIPPOTYPHOSA- HARDJO-POMONA BACTERIN				
4059.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN COMBINATION PACKAGE	189,	272		
	BOVINE RHINDTRACHEITIS VACCINE - LEPTOSPIRA POMONA BACTERIN				
4081.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN	3			
4089.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN COMBINATION PACKAGE	52. 124. 243A.	107. 188. 251.	112. 213. 264	112A. 225.
4089.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN COMBINATION PACKAGE	124,	189.	272	
	BOVINE RHINOTRACHEITIS VACCINE - LEPTOSPIRA POMONA-PASTEUREL HAEMOLYTICA-MULTOCIDA BACTE	LA RIN			
4119.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN COMBINATION PACKAGE	124			
	BOVINE RHINOTRACHEITIS- PARAINELUENZA 3 VACCINE - LEPTOSPIRA CANICOLA- ICTEROHAEMORRHAGIAE-POMUNA BACTERIN				
4149.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN COMBINATION PACKAGE	272			

CODE	PRODUCT AND FORM	ICENSE_N	OS. OF	PRODU	CERS
	BOYINE RHINDIRACHEITIS- PARAINFLUENZA 3 YACCINE - LEPIOSPIRA GRIPPOTYPHOSA- HARDJO-POMONA BACTERIN				
4179.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN COMBINATION PACKAGE	189,	272		
	BOYINE RHINOTRACHEITIS- PARAINELUENZA 3 VACCINE - LEPIOSPIRA POMONA BACTERIN				
4209.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN COMBINATION PACKAGE	112,	188.	213	
4209.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN COMBINATION PACKAGE	189.	272		
4209.30	MODIFIED LIVE VIRUS TISSUE CULTURE AND CELL LINE ORIGIN COMBINATION PACKAGE	52			
	BOVINE RHINOTRACHEITIS- PARAINELUENZA 3 VACCINE - LEPTOSPIRA POMONA-PASTEURELL HAEMOLYTICA-MULTOCIDA BACTER	Ā			
4239.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN COMBINATION PACKAGE	124			
	BOYINE RHINOTRACHEITIS- PARAINELUENZA 3 VACCINE - PASTEURELLA HAENOLYTICA- MULTOCIDA BACTERIN				
4265.00	KILLED VIRUS TISSUE CULTURE ORIGIN	112.	124		
4269.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN COMBINATION PACKAGE	213,	243A,	251,	264
4269.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN COMBINATION PACKAGE	272			
	BOVINE RHINDTRACHEITIS VACCINE - PASTEURELLA HAEMOLYTICA- MULTOCIDA BACTERIN				
4299.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN COMBINATION PACKAGE	272			

CODE	PRODUCT AND FORM	LICENSE NO	S. OF	PRODU	CERS
	BOVINE RHINOTRACHEITIS- VIRUS DIARRHEA VACCINE - LEPTOSPIRA CANICOLA- ICTEROHAEMORRHAGIAE-POMONA BACIERIN			<u>.</u>	
4329.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN COMBINATION PACKAGE	272			
	BOYINE RHINGTRACHEITIS- VIRUS DIARRHEA VACCINE - LEPTOSPIRA GRIPPOTYPHOSA- HARDJO-POMONA BACTERIN				
4359•20	MODIFIED LIVE VIRUS CELL LINE ORIGIN COMBINATION PACKAGE	272			
4359.30	MODIFIED LIVE VIRUS CELL LINE AND TISSUE CULTURE ORIGIN COMBINATION PACKAGE	189			
	BOVINE RHINDTRACHEITIS- VIRUS DIARRHEA VACCINE - LEPTOSPIRA POMONA BACTERIN				
4389.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN COMBINATION PACKAGE	112,	188.	213,	243A
4389.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN COMBINATION PACKAGE	272			
4389.30	MODIFIED LIVE VIRUS CELL LINE AND TISSUE CULTURE ORIGIN COMBINATION PACKAGE	107.	189		
	BOVINE RHINOTRACHEITIS- VIRUS DIARRHEA VACCINE - LEPTOSPIRA POMONA-PASTEUREL HAEMOLYTICA-MULTOCIDA BACTE	LA RIN			
4419.30	MODIFIED LIVE VIRUS CELL LINE AND TISSUE CULTURE ORIGIN COMBINATION PACKAGE	124			
	BOVINE RHINOTRACHEITIS- VIRUS DIARRHEA VACCINE - PASTEURELLA HAEMOLYTICA- MULTOCIDA BACTERIN				
4429.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN COMBINATION PACKAGE	272			

	BOYINE RHINOTRACHEITIS- YIRUS DIARRHEA-PARAINELUENZA 3 YACCINE - LEPTOSPIRA CANICOLA- GRIPPOTYPHOSA-HARDJO- ICIEROHAE MORRHAGIAE-POMONA BACTERIN		
4439.30	MODIFIED LIVE VIRUS CELL LINE AND TISSUE CULTURE ORIGIN COMBINATION PACKAGE	189	
	BOVINE RHINOTRACHEITIS- VIRUS DIARRHEA-PARAINFLUENZA 3 VACCINE - LEPTOSPIRA CANICOLA- ICTEROHAEMORRHAGIAE-POMONA BACTERIN		
4449.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN COMBINATION PACKAGE	272	
	BOYINE RHINOTRACHEITIS: YIRUS DIARRHEA-PARAINELUENZA 3 YACCINE - LEPIOSPIRA GRIPPOTYPHOSA- HARDJO-POMONA BACTERIN		
4479.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN COMBINATION PACKAGE	272	
4479.30	MODIFIED LIVE VIRUS CELL LINE AND TISSUE CULTURE DRIGIN COMBINATION PACKAGE	189	
	BOVINE RHINOTRACHEITIS- VIRUS DIARRHEA-PARAINELUENZA 3 VACCINE - LEPTOSPIRA POMONA BACTERIN		
4509.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN COMBINATION PACKAGE	188,	213
4509.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN COMBINATION PACKAGE	272	
4509.30	MODIFIED LIVE VIRUS CELL LINE AND TISSUE CULTURE ORIGIN COMBINATION PACKAGE	189	

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS
	BOVINE RHINOTRACHEITIS-VIRU DIARRHEA-PARAINFLUENZA 3 VACCINE - PASTEURELLA HAEMOLYTICA- MULTOCIDA BACTERIN	<u>15</u>
4539.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN COMBINATION PACKAGE	213. 243A, 264
4539. 20	MODIFIED LIVE VIRUS CELL LINE ORIGIN COMBINATION PACKAGE	272
	BOVINE VIRUS DIARRHEA VACCINE - LEPTOSPIRA POMONA BACTERIN	
4599.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN COMBINATION PACKAGE	188, 189
4599.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN COMBINATION PACKAGE	107
	CANINE DISTEMPER-ADENOVIRUS IYPE 2 VACCINE - LEPTOSPIRA BACTERIN	2
4629.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN COMBINATION PACKAGE	189
	CANINE DISTEMPER-ADENOVIRUS TYPE 2-PARAINFLUENZA VACCIN BORDETELLA BRONCHISEPTICA LEPTOSPIRA	
4649.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN COMBINATION PACKAGE	189
	CANINE DISTEMPER-ADENOVIRUS IYPE 2-PARAINFLUENZA VACCIN LEPTOSPIRA BACTERIN	
4659.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN COMBINATION PACKAGE	189
	CANINE DISTEMPER-HEPATITIS VACCINE - LEPTOSPIRA BACTERIN	

34

272

MODIFIED LIVE VIRUS CELL LINE ORIGIN

4681.20

CODE	PRODUCT AND FORM	LICENSE NOS. DE PRODUCERS
	CONTINUED CANINE DISTEMPER-HEPATITIS YACCINE - LEPTOSPIRA BACTERIN	
4689.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN COMBINATION PACKAGE	107, 112, 195A, 213, 225, 243A, 251
4689.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN COMBINATION PACKAGE	107. 124. 189. 227. 245. 264. 272
4689.30	MODIFIED LIVE VIRUS TISSUE CULTURE AND CELL LINE ORIGIN COMBINATION PACKAGE	227
4689.40	MODIFIED LIVE VIRUS CHICKEN EMBRYO AND TISSUE CULTURE ORIGIN COMBINATION PACKAGE	188
	CANINE DISTEMPER VACCINE - LEPIDSPIRA BACTERIN	
4749.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN COMBINATION PACKAGE	195A
4749.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN COMBINATION PACKAGE	272
	CANINE DISTEMPER-HEPATITIS- PARAINETUENZA VACCINE - BORDETELLA BRONCHISEPTICA BACTERIN	
4789.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN COMBINATION PACKAGE	264
	CANINE DISTEMPER-HEPATITIS- PARAINFLUENZA VACCINE - LEPTOSPIRA BACTERIN	
4809.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN COMBINATION PACKAGE	195A
4809.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN COMBINATION PACKAGE	107. 124, 189. 264. 272
	ENCEPHALOMYELITIS-INFLUENZA VACCINE - TETANUS TOXOLD	
4835.41	EASTERN WESTERN KILLED VIRUS TISSUE CULTURE AND CHICKEN EMBRYO ORIGIN	52

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODU	CERS
	ENCEPHALOMYELITIS VACCINE -	=	
4865.00	EASTERN WESTERN KILLED VIRUS TISSUE CULTURE DRIGIN	52, 112	
4865.33	EASTERN WESTERN VENEZUELAN KILLED VIRUS TISSUE CULTURE AND CELL LINE ORIGIN	107	
	EQUINE INFLUENZA VACCINE - TETANUS TOXOTO		
4895.10	KILLED VIRUS CHICKEN EMBRYO ORIGIN	112	
	MINK DISTEMPER VACCINE - CLOSTRIDIUM BOTULINUM TYPE BACTERIN-TOXOIO	2_	
4919.00	MODIFIED LIVE VIRUS TISSUE CULTURE DRIGIN COMBINATION PACKAGE	245	
	MINK_DISTEMPER-ENTERITIS YACCINE - CLOSTRIDIUM BOTULINUM TYPE BACTERIN-TOXOIO	<u>_c</u>	
4929.00	MODIFIED LIVE AND KILLED VIRUS TISSUE CULTURE ORIGIN COMBINATION PACKAGE	165, 245	
	MINK ENTERITIS VACCINE - CLOSTRIDIUM BOTULINUM TYPE BACTERIN-TOXOID	_ <u>c</u>	
4955.00	KILLED VIRUS TISSUE CULTURE ORIGIN	165, 245	
	PARAINFLUENZA 3 VACCINE - LEPTOSPIRA POMONA BACTERIN		
4989.00	MODIFIED LIVE VIRUS TISSUE CULTURE DRIGIN COMBINATION PACKAGE	188	
	PSEUDORABIES VACCINE = LEPTOSPIRA CANICOLA- GRIPPOTYPHOSA-HARDJO- ICTEROHAE MORRHAGIAE-POMONA BACTERIN		
4999.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN COMBINATION PACKAGE	189	

DIAGNOSTICS

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS
	ALEUTIAN DISEASE COUNTERELECTROPHORESIS ANTI	GEN
5005.00	MINK ORIGIN	245
	BRUCELLA ABORTUS ANTIGEN	
5011.00	STAINED ANTIGEN	107
	CANINE BRUCELLOSIS AGGLUTINATION ANTIGEN & REAGENT SERUM	
5021.00	CANINE ORIGIN	264
5051.00	LEPIDSPIRA CANICOLA ANTIGEN	112
5053.00	LEPIOSPIRA GRIPPOTYPHOSA ANTIGEN	112
5055.00	LEPTOSPIRA HARDJO ANTIGEN	112
5057.00	LEPTOSPIRA ICTEROHAEMORRHAG ANTIGEN	112
5059.00	LEPTOSPIRA POMONA ANTIGEN	112
	MYCOPLASMA GALLISEPTICUM ANTIGEN	
5071.00	S-6 SEROTYPE PLATE	195
	MYCOPLASMA MELEAGRIDIS ANTI	GEN
5072.00	H-SEROTYPE PLATE	195
	MYCOPLASMA SYNOVIAE ANTIGEN	
5073.00	S-SEROTYPE PLATE	195
	PULLORUM ANTIGEN	
5206.00	STAINED ANTIGEN K POLYVALEN	T 195. 196

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS
	CONTINUED PULLORUM ANTIGEN	
5208.00	TUBE	196
	TUBERCULIN	•
5301.00	MAMMALIAN HUMAN ISOLATES INTRADERMIC	107
5302.00	PPD BOVIS INTRADERMIC	107
	BOVINE LEUKEMIA GLYCOPROTE IMMUNODIFFUSION ANTIGEN & REAGENT AND REFERENCE SERV	
5505.20	CELL LINE ORIGIN BOVINE ORIGIN	264
	EQUINE INFECTIOUS ANEMIA IMMUNODIFFUSION ANTIGEN & REAGENT SERUM	
5515.20	CELL LINE ORIGIN EQUINE ORIGIN	264

ANTITOXINS

CODE	PRODUCT AND FORM	CENSE N	DS. DF	PRODU	CERS
	ANTIVENIN				
6101.00	(CROTALIDAE) POLYVALENT EQUINE ORIGIN	1128			
6201.00	CLOSTRIDIUM PERFRINGENS TYPE ANTITOXIN	188			
6211.00	CLOSIRIDIUM PERFRINGENS TYPE ANTITOXIN	188			
	CLOSTRIDIUM PERFRINGENS TYPES	è			
6220.00	BOVINE ORIGIN	213			
6221.00	EQUINE ORIGIN	124.	188,	243A	
	TETANUS ANTITOXIN				
6302.00	EQUINE ORIGIN	52. 243A.		112.	188,

BACTERIN-TOXOLOS

CODE	PRODUCT AND FORM LI	CENSE NOS. OF PRODUCERS
7211.00	CLOSTRIDIUM BOTULINUM TYPE C BACTERIN-TOXOID	165, 245
7212.00	CLOSTRIDIUM CHAUVOEI-SEPTICUM BACTERIN-TOXOLO	107A, 189
7213.00	CLOSTRIDIUM CHAUVOEI-SEPTICUM HAEMOLYTICUM-NOVYI-SORDELLII BACTERIN-TOXOID	107
7214.00	CLOSTRIDIUM CHAUVOEI-SEPTICUM HAEMOLYTICUM-NOVYI-SORDELLII- PERFRINGENS TYPES C & D BACTERIN-TOXOID	
7215.00	CLOSTRIDIUM_CHAUVOEI-SEPIICUM NOVYI_BACTERIN-TGXQID	52. 107. 107A. 112A. 124. 188
7215.01		124
7216.00	CLOSTRIDIUM CHAUVOEI-SEPIICUM NOVYI-SORDELLII BACTERIN-TOXOIO	52. 107. 112A. 124. 213. 225. 272
7217.00	CLOSTRIDIUM CHAUVOEI-SEPTICUM NOVYI-SORDELLII-PERFRINGENS IYPES C & D BACTERIN-TOXOID	107, 124, 225
7219.00	CLOSTRIDIUM CHAUVOEI-SEPTICUM NOVYI-LEPTOSPIRA POMONA BACTERIN-TOXOID	107, 124
7220.00	CLOSTRIDIUM CHAUVDEI-SEPTICUM NOVYI-SORDELLII-LEPTOSPIRA POMONA BACTERIN-TOXOID	107
72R0.00	CLOSTRIDIUM CHAUVOEI-SEPTICUM SORDELLII BACTERIN-TOXOID	107

CODE	PRODUCT AND FORM LIG	ENSE N	US. OF	PRODUC	CERS
7210.00	CLOSTRIDIUM HAEMOLYTICUM-NOVY; BACIERIN-TOXOID	107,	107A		
72X0.00	CLOSTRIDIUM HAEMOLYTICUM- NOVYI-PERFRINGENS TYPES C & D BACTERIN-TOXOTO	107			
7221.00	CLOSTRIDIUM NOVYI BACIERIN-TOXOID	188			
7223.00	CLOSTRIDIUM NOVYI-SORDELLII DACIERIN-TOXOID	52			
7231.00	CLOSTRIDIUM NOVYI-SORDELLII- PERERINGENS TYPES C & D BACTERIN-TOXOID	107.	124		
7351.00	CLOSTRIDIUM PERFRINGENS TYPE (BACTERIN-TOXOID		213.	225•	272
7353.00	CLOSIRIDIUM PERERINGENS TYPE [BACTERIN-TOXOLD		107A. 272	112A.	213.
7354.00	CLOSTRIDIUM PERFRINGENS TYPES C & D BACTERIN-TOXOID	52. 213.	107A. 225.		112A.
7401.00	STAPHYLOCOCCUS AUREUS BACTERIN-TOXOID	107			

TOXOLOS

CODE	PRODUCT AND FORM LIC	ENSE_N	OS. OF	PRODU	CERS
8101.00	CLOSTRIDIUM PERFRINGENS TYPE C	52,	107,	124.	189
8201.00	CLOSTRIDIUM PERFRINGENS TYPES C & D TOXOID	107,	124.	189	
8301.00	CLOSTRIDIUM PERFRINGENS TYPE D TOXOTO	52. 189	107,	112.	124.
8305.00	CLOSIRIDIUM PERFRINGENS TYPE D-TETANUS TOXOID	112			
8601.00	TETANUS TOXOLD	52. 225	107,	112,	188.

MISCELLANEOUS PRODUCTS

CODE	PRODUCT AND FORM	LICENSE NOS. DF PRODUCERS
	FLEA ANTIGEN	
9511.00	DESENSITIZING	52
	ALLERGENIC EXTRACT	
9521.00		259. 270
9522.01	MIXED RAGWEED	259
9522.02	MIXED TREES	259. 270
9522.03	MIXED GRASSES	259. 270
9522.04	MIXED WEEDS	259, 270
9523.00	MIXED MOLDS	259, 270
9524.00	MIXED INHALANTS	259
9525.00	FLEA ANTIGEN	259
9527.00	MIXED EPIDERMALS	259. 270
9528.00	MIXED INSECTS	259
9531.00	PRESCRIPTION PRODUCT	259, 270
9532.00	INTRADERMAL TEST KIT	259
9533.00	TREATMENT SET A	259
9533.01	TREATMENT SET B	259
9533.02	TREATMENT SET C	259
9533.03	TREATMENT SET D	259
9533.04	TREATMENT SET E	259

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